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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके ।
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2

[PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

[Notifications and Notices issued by the Patent Office relating to Patents and Designs]

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PATENTS AND DESIGNS

Calcutta, the 7th September 1985

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1—227G1/85

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CORRIGENDUM

(1)

In the Gazette of India Part III Section 2 dated the 6th July 1985 under the heading "PATENTS SEALED" delete 153108

(2)

In the Gazette of India Part III Section 2 dated the 6th July, 1985 under the heading "PATENTS SEALED" delete 150031

APPLICATION FOR PATENT FILED AT THE HEAD OFFICE 214, ACHARYA JAGADISH BOSE ROAD, CALCUTTA 17

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act

1st August 1985

563/Cal/85 1 Vsesoyuzny Nauchno-Issledovatel'skiy I Proektirovatskiy Institut Po Avtomatizirovannomu Elektroprivodu V Promyshlennosti Seiskom Khozyaystva I Na Transporte (Vnuelektropriwod)
2 Vsesoyuzny Nauchno-Issledovatel'skiy Institut Mvasnoi Promyshlennosti Apparatus for stunning of animals by electric current

564/Cal/85 Klein Schanzlin & Becker Aktiengesellschaft A core box for foundry cores

565/Cal/85 Messerschmitt-Bolkow-Blohm Gesellschaft Mit Deschränkter Haftung A vibration Isolator

566/Cal/85 Intersteel Technology Inc Method for continuous steelmaking

2nd August 1985

567/Cal/85 Emerson Electric Co Load carrying device

568/Cal/85 International Minerals & Chemical Corporation Beneficiation of high carbonate phosphate rock

569/Cal/85 Meiji Seika Kaisha Ltd and Merck & Co Inc Process for the preparation of new 1-oxa-1 dehydrocephalosporin derivatives [Divisional date 22nd July 1983]

570/Cal/85 Beloit Corporation Method and apparatus for controlling a winder for stop to length or stop to roll diameter

571/Cal/85 BWN Vortell Rights Co Pvt Ltd Cyclone separator (2nd August 1984 and 22nd May 1985) U.K.

5th August 1985

572/Cal/85 E. I. Du Pont De Nemours and Company Improved spinning process for aromatic polyamide filaments

573/Cal/85 Personal Products Company Perf-embossed absorbent structure

574/Cal/85 Personal Products Company Thin, Soft absorbent product

575/Cal/85 Norton Company Vitrified Grinding Wheel

576/Cal/85 Westinghouse Electric Corporation Improvements in or relating to Secondary Circuit breaker for distribution transformer with indicator light switch mechanism

577/Cal/85 Westinghouse Electric Corporation Method for production of combustion turbine blade having a single crystal portion

6th August 1985

578/Cal/85 Dominique Dervieux Bipolar electrodes discharging sparks of piezoelectric origin for the relief of pains and contractures by direct application to the skin

579/Cal/85 1 Gottfried Amann 2 Sohn Ges MBH & Co Process and device for the prevention of condensation on coiled tools of plastic or synthetic material machines

7th August 1985

580/Cal/85 Christian Gonsot Process and apparatus for the subtitling and/or the trick photography of cinematographic films using particularly a screen copier and a computer

581/Cal/85 Komori Printing Machinery Co Ltd Intaglio printing machine

582/Cal/85 Arthur Ernest Bishop Control valve for vehicle power steering systems (8th August, 1984) Australia

APPLICATION FOR PATENT FILED AT THE PATENT OFFICE BRANCH MUNICIPAL MARKET BUILDING, 3RD FLOOR KAROI BAGH NEW DELHI-110005

15th July 1985

548/Del/85 Bal Krishan Gupta "Inline gas leakage detector"

549/Del/85 UOP Inc 'Sulfur oxide acceptance from a flue gas'

550/Del/85 Compagnie Generale Pour Les Developpements Operationnels des richesses sous-marines "C.G. Dors", Oscillating platform on flexible piles for work at sea

551/Del/85 Westinghouse Brake and Signal Co Ltd, 'Power control circuit' (Convention date July 30, 1984) (U.K.)

552/Del/85 Pfizer Inc "Tetracyclic spiro-hydantoin aldose reductase inhibitors"

553/Del/85 Council of Scientific and Industrial Research, 'A process for the synthesis of 2,2 dicarbalkoxy-amino-5,5 dibenzimidazolyl oxide' [Divisional date October 22 1983]

554/Del/85 National Council For Cement and Building Materials "A process for preparation of oil well cement"

16th July 1985

555/Del/85 Bayer Aktiengesellschaft Process for the production of benzothiazole sulphene amides

556/Del/85 Alsthom Compressed gas circuit breaker able to be reassembled and disassembled without a significant loss of gas'

557/Del/85 Societe D Applications De Procèdes Industriels Et Chimiques S A P I C, 'A process for the oxidation of reactants' [Divisional date November 25 1981]

17th July 1985

558/Del/85 Unitek Copiers Pvt Ltd "Improved paper shredding machine"

559/Del/85 Rajendra Prasad Gupta & Rashmi Rekha Gupta, Food processing in oxygen free environment". (Convention date March 29, 1985) (Canada)

560/Del/85 The Goodyear Tire & Rubber Co "Solid state polymerization"

561/Del/65. Blue Circle Industries PLC., "Cementitious compositions. (Convention date July 25, 1984) (U.K.).

562/Del/85. BP Chemicals Ltd., "Polymer composition". (Convention date July 20, 1984) (U.K.).

563/Del/85. BP Chemicals Ltd., "Polymer composition". (Convention date July 20, 1984) (U.K.).

564/Del/85. Thiokol Chemicals Ltd., "Curable liquid compositions of epoxy- and mercaptan-terminated polymers". (Convention date July 9, 1985) (U.K.) & July 26, 1984) (U.K.).

565/Del/85. Societe D' Applications Generales D' Electricite Et De Mecanique S A G E M, "Process for inter-connecting microprocessors".

18th July, 1985

566/Del/85. Baldev Krishan Sehgal, "Repeater glass Hypodermic injection syringes".

567/Del/85. Council of Scientific and Industrial Research, "Improvements in or relating to a process for the preparation of an inhibitor suitable for batch and continuous pickling of steels in hydrochloric acid solution".

568/Del/85. Council of Scientific and Industrial Research, "A process for the production of smokeless solid ignitor for solid fuel-fired domestic ovens and appliances".

569/Del/85. Council of Scientific and Industrial Research, "Improvement in or relating to a process for joining precast piles in segments".

570/Del/85. Council of Scientific and Industrial Research, "An improved method for joining precast concrete piles".

571/Del/85. Council of Scientific and Industrial Research, "Improved method of joining precast piles".

572/Del/85. Council of Scientific and Industrial Research, "An improved method for joining precast piles".

573/Del/85. Bendix France, "Assembly component for a disc brake".

574/Del/85. Bendix France, "Automatic adjustment strut for a drum brake".

575/Del/85. Bendix France, "Spring for the pads of a disc brake with sliding caliper, and disc brake equipped with such a spring".

576/Del/85. The Standard Oil Company, "A single slurry process for producing a fluid bed catalyst". [Divisional date February 9, 1982].

577/Del/85. BGB-Gesellschaft Reinmar John, Rainer-Leo Meyer & Olga Meyer, GEB, Klopfer, "Coating composition for flexible substrates". (Convention date May 14, 1985) (Canada).

19th July, 1985

578/Del/85. The B.F. Goodrich Company, "Scale inhibition in water systems".

579/Del/85. Hans Hollmuller Maschinenbau GmbH & Co., "A process for the etching of copper films on circuit boards and the electrolytical recovery of copper from the etching solution".

580/Del/85. Energy Conversion Devices, Inc., "Photovoltaic device having long term energy conversion stability and method of producing same".

581/Del/85. Shivalik Agro-Poly Products Ltd., "Improvement in or relating to pallets for storage".

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, 61, WALLAJAH ROAD, MADRAS-600 002

15th July, 1985

538/Mas/85. Societe Nationale Elf Aquitaine (Production). Method for the processing or recordings of signals resulting from a seismic exploration of a medium.

539/Mas/85. F. L. Smidth & Co. A/S. Method and apparatus for producing white cement clinker. (November 29, 1984; United Kingdom).

540/Mas/85. The BOC Group Plc. Refrigeration method and apparatus. (July 24, 1984; United Kingdom).

541/Mas/85. The BOC Group Plc. Gas refrigeration method and apparatus. (July 24, 1984; United Kingdom).

542/Mas/85. F. L. Smidth & Co. A/S. Separator for sorting particulate material. (August 13, 1984; United Kingdom).

16th July, 1985

543/Mas/85. E. G. K. Rao. Improvements relating to house keeping implements.

544/Mas/85. Victor Company of Japan, Ltd. Video signal processing apparatus for processing video signals at the time of a special reproduction mode.

545/Mas/85. Victor Company of Japan Ltd. Dust tight tape cassette.

546/Mas/85. Shell Internationale Research Maatschappij B.V. Production of gas mixtures containing hydrogen and carbon monoxide. (July 18, 1984; Great Britain).

547/Mas/85. Lucas Industries Public Limited Company. Fuel Pumping Apparatus. (October 4, 1984; Great Britain).

548/Mas/85. Seikenkai Foundational Juridical Person. Bio-deodorizer and the process thereof.

17th July, 1985

549/Mas/85. Indian Institute of Technology. A circular fluid energy mill.

550/Mas/85. International Business Machines Corporation. Electro-optic display cell and method of making same.

551/Mas/85. International Business Machines Corporation. Method of error detection and/or correction by majority decisions.

552/Mas/85. Societe des Produits Nestle S.A. Double salt, process for its preparation and pharmaceutical composition containing it.

553/Mas/85. The Dow Chemical Company. Partially advanced epoxy resin compositions and products resulting from reacting and curing said compositions.

554/Mas/85. Nippon Kokan Kabushiki Kaisha. Apparatus for removing impurities contained in molten pig iron tapped from blast furnace.

18th July, 1985

555/Mas/85. Sigma-Tau Industrie Farmaceutiche Riunite S.p.A. Delivery device for zero-order release of an active principle into a dissolution fluid and process for its preparation.

556/Mas/85. International Standard Electric Corporation. Optical Fibre Manufacture. (July 25, 1984; Great Britain).

557/Mas/85. Shanmugam Murugavel Anandvel. Improvements in or relating to flywheel magneto rotors.

- 558/Mas/85 Victor Company of Japan, Ltd Magnetic re-producing apparatus,
19th July, 1985
- 559/Mas/85 Union Carbide Corporation Production of Carboxylic Acids from alcohols using rhodium complex catalysts
- 560/Mas/85 Union Carbide Corporation Production of carboxylic acids from organic formate esters using rhodium complex catalysts
- 561/Mas/85 Ronald David Conry Modular refrigeration system (July 24 1984, Australia)
22nd July, 1985
- 562/Mas/85 International Business Machines Corporation Raster scan display system
- 563/Mas/85 International Business Machines Corporation Color image display apparatus
- 564/Mas/85 International Business Machines Corporation Semiconductor memories or arrays
23rd July, 1985
- 565/Mas/85 Continental Gummi Werke Aktiengesellschaft Pneumatic Vehicle Tyre
- 566/Mas/85 Mannesmann Aktiengesellschaft Boring carriage in particular for the perforation of floors in mining
- 567/Mas/85 Mannesmann Aktiengesellschaft Cooling arrangement for a multiple stage compressor
- 568/Mas/85 Mitsubishi Belting Ltd Power Transmission belt
- 569/Mas/85 Rosemount Inc Method for forming a platinum resistance thermometer
24th July 1985
- 570/Mas/85 Uppinagady Varadaraya Nayak An apparatus to demonstrate AC and/or DC dynamos
- 571/Mas/85 Alexander I Kalina Method of generating energy
- 572/Mas/85 Interplastic Corporation Adjustable shelving system
- 573/Mas/85 Canz Danubius Hajo Es Darugyar A mobile breeding and/or cultivating system of low power and water consumption
- 574/Mas/85 Shanmugam Murugavel Anandvel An improved alternator rotor and a method of making the same
- 575/Mas/85 Research and Development Pty Ltd Improvements in centrifugal grinding mills (July 24, 1984, Australia)
- 576/Mas/85 Padmanabhar Preetham A variable insonation programmer for a sonic soot cleaning system
25th July 1985
- 577/Mas/85 D Ramakrishnan Heat Mix
- 578/Mas/85 Gasohol Energy Pty Ltd Process for the manufacture of hydrated oxides and tri and tetra-basic lead sulphates (July 27 1984, Australia)
- 579/Mas/85 Etablissement Gersan Feeder for feeding EG Gemstones (August 9 1984, Great Britain)
- 580/Mas/85 Philip Morris Incorporated Tobacco Processing

ATTIRATION OF DATE

- 156563 Ante dated to 18th June, 1982
(1143/Cal/83)
- 156564 Ante dated to 22nd October 1981
(1497/Cal/83)
- 156565 Ante dated to 17th April, 1982
(110/Cal/84)
- 156567 Post dated to 30th April, 1983
(34/Bom/82)

CLASS 51-D

156558

Int Cl B 26b 21|10, 21|52

A RAZOR BLADE ASSEMBLY

Applicant WILKINSON SWORD LIMITED OF SWORD HOUSE, TOTTERIDGE ROAD, HIGH WYCOMBE, BUCKINGHAMSHIRE ENGLAND

Inventor 1 ANGUS JOHN MCGREADY.

Application No 711|Cal|82 filed June 18, 1982

Appropriate office for opposition proceedings (Rule 4 Patents Rules, 1972) Patent Office, Calcutta

11 Claims

A razor blade assembly whose components comprise a razor blade having a cutting edge a top cap which at all times extends over the blade and a guardbar located at the forward end of the assembly and spaced from the adjacent edge of the top cap to form an opening therebetween, and having means namely, blade locating posts supporting the blade which is mounted on a blade platform for pivotal movement about an axis parallel to the cutting edge of the blade relative to said opening between a first position in which the cutting edge of the blade is exposed in said opening for shaving and a second position in which the cutting edge is retracted with respect to said opening and is no longer exposed for shaving but is securely retained in said assembly beneath said cap

Compl Specn 11 pages

Digs 6 sheets

CLASS 172 E

156559

Int Cl B65 h 54|00

DRAW-WINDING OR SPIN DRAW-WINDING MACHINE

Applicant MASCHINENFABRIK RIEFFER AG OF WINTERTHUR SWITZERLAND

Inventors 1 PETER BAERISCH 2 KURT WETTER, 3 FRIIX GRAF

Application No 1104|Cal|82 filed September 24, 1982

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

8 Claims

Draw winding or spin draw winding machine with an upper draw roll assembly receiving multifilamentary thread from a spin shaft or supply package and a lower draw roll assembly receiving the multifilamentary thread from the upper draw roll assembly, characterized in that said machine contains guides (9) on which said upper draw roll assembly (4) is guided and is movable along these guides from an abutment (25) defining a working position to a filament take up position adjacent to the other of said draw roll assemblies to permit laying on of multifilamentary thread

Compl Specn 12 pages

Drgs. 3 sheets.

CLASS : 85-J & S.

156560

8 Claims

Int. Cl. : B65 d 53/00.

AN APPARATUS FOR SEALING A ROTATABLE TUBULAR MEMBER IN A STATIONARY HOUSING.

Applicant : METALLGESELLSCHAFT A.G., OF 16 FRANKFURT A.M., REUTERWEG, WEST GEMANY.

Inventor : 1. KONRAD SCHYMURA.

Application No. 1117/Cal/82 filed September 27, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

An apparatus for sealing a rotatable tubular member in a stationary housing, which surrounds the end of the tubular member, comprising a gripping device, which is secured to the outside peripheral surface of the rotatable tubular member and rotates with the tubular member, and a sealing element, which is radially movably disposed in the gripping device and rotates with the latter and is in sealing relation to the housing, characterized in that the gripping device consists of two spaced apart rings (3, 4), which are secured to the outside peripheral surface (jacket 1) of the rotatable tubular member (2), a resilient sealing and restraining element (7, 8) is secured to the inside of each ring (3, 4) near the outside diameter of the latter and protrudes beyond the surface of the ring (3, 4) a sealing washer (13) is gripped between the restraining elements (7, 8) and is radially and tangentially displaceable relative to the restraining elements, and the circular outer rim of the sealing washer (13) is in sealing relation to and self-centering in the housing (24) and defines only a small clearance (16) therewith.

Compl. Specn. 9 pages.

Drgs. 2 sheets.

CLASS : 80-I.

156561

Int. Cl. : B 01 d 35/00.

FILTER APPARATUS AND FABRIC FILTER BAG.

Applicant & Inventor : FRANK THOMAS BEANE, OF ROUTE 7 BOX 2200, CONCORD, NORTH CAROLINA 28025, UNITED STATES OF AMERICA.

Application No. 1342/Cal/82 filed November 17, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims

Filter apparatus including filter means (11, 20, 29) comprising a fabric of knitted crimped synthetic yarn (40) through which a fluid to be filtered is caused to flow, characterized in that the yarn (40) has a denier in the range of from 70 to 300 and is knit into stitches defining a ground (G) and stitches defining terry loop pile (T) extending from the ground (G), the ground stitches defining open areas in the range of from 1 micron to 100 microns.

Compl. Specn. 13 pages.

Drgs. 2 sheets.

CLASS : 119-B.

156562

Int. Cl. : D 03 i 1/00.

A RECIPROCATING DOUBLE LIFT DOBBY.

Applicant : PAKISTAN COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, OF PRESS CENTRE 2ND FLOOR, SHAHRA-3-KAMEL ATATUK, KARACHI 0109, PAKISTAN.

Inventor : 1. ABDUL WASEY OMAR.

Application No. 1442/Cal/82 filed December 14, 1982.

Convention dated 14th December, 1981 (8137627) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

A reciprocating double lift dobby operating with open shed action, comprising a primary drive including two reciprocating drive members which are reciprocated 180 degrees out of phase and at half the loom frequency, a series of substantially rigid shafts which are connected one to each of the loom harnesses and each of which can be held stationary at either of two base positions defining an open shed and can be moved between the base positions in either direction by either drive member, and selection means which is actuated on each stroke of the drive members and which selectively engages the shafts with the drive members so that each selected shaft is moved from its current base position to the other with one or other of the drive members and substantially the full motion of the members and substantially the full motion of the members is transmitted through the shaft to shed the connected harness, while each unselected shaft remains in its current base position and is not contacted or disturbed by either drive member.

Compl. Specn. 14 pages.

Drgs. 3 sheets.

CLASS : 51-D.

156563

Int. Cl. : B 26b 21/10, 21/52.

A RAZOR BLADE ASSEMBLY.

Applicant : WILKINSON SWORD LIMITED, OF SWORD HOUSE, TOTTERIDGE ROAD, HIGH WYCOMBE, BUCKINGHAMSHIRE, ENGLAND.

Inventors : 1. ANGUS JOHN MCGREADY.

Application No. 1143/Cal/83 filed September 19, 1983.

Division of Application No. 711/Cal/82 dated 18th June, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims

A razor blade assembly comprising a razor blade having a cutting edge, a top cap and a guard bar spaced from the adjacent edge of the top cap to form an opening therebetween, a blade support on which the blade is fixed, the guard bar being fixed relative to the blade support, side members disposed along opposite sides of the blade and an operating member in engagement with the top cap and arranged to swing relative to the side members about an axis which is parallel to said cutting edge of the blade to effect relative movement between the blade and the top cap between a shaving position in which the blade edge is exposed in said opening for shaving and a non-shaving position in which the blade edge is not exposed.

Compl. Specn. 8 pages.

Drgs. 2 sheets.

CLASS : 186-A.

156564

Int. Cl. : H 04 b 1/00.

A DIGITAL TWO-TO-FOUR WIRE CONVERSION CIRCUIT FOR A TELEPHONE SUBSCRIBER LINE.

Applicant : INTERNATIONAL TELEPHONE AND TELEGRAPH CORPORATION, OF 320 PARK AVENUE, NEW YORK 10022, STATE OF NEW YORK, UNITED STATES OF AMERICA.

Inventor : 1. ROBERT TREIBER.

Application No. 1497/Cal/83 filed December 6, 1983.

Convention date 22nd September 1981 (8128570) U.K.

Division of Application No. 1176/Cal/81 dated 22nd October, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

A digital two-to-four wire conversion circuit for a telephone subscriber line, comprising :

- (a) a first programmable digital filter;
- (b) coefficient derivation means for deriving a set of updated digital filter coefficients for said digital filter and related to the subscriber line impedance, said coefficients being derived while said line is OFF-Hook, such that said line is terminated in a synthesized matched impedance in said OFF-Hook condition;
- (c) means for comparing said updated digital filter output coefficients with a reference to minimize the error between said reference and said output coefficients;
- (d) means for generating a test signal;
- (e) means for converting said output coefficients to simplified digital filter coefficients for a second programmable digital filter, said further filter having a digital return signal coupled thereto;
- (f) summation means for subtractively combining the output from said further filter with said return signal and the digital transmit signal to eliminate said return signal from said transmission signal; and
- (g) decoder means for converting the output of said first programmable digital filter to an analog speech signal.

Compl. Specn. 36 pages.

Drgs. 12 sheets.

CLASS : 50-E2.

156565

Int. Cl. F 25 b 31/00.

A HERMATIC REFRIGERATION COMPRESSOR.

Applicant : WHITE CONSOLIDATED INDUSTRIES, INC., OF DELAWARE, 11770 BERE A ROAD, CLEVELAND, OHIO 44111, U.S.A.

Inventor : I. JACK FEATH FRITCHMAN.

Application No. 110/Cal/84 filed February 15, 1984.

Division of Application No. 425/Cal/82 dated 17th April 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims

A hermetic refrigeration compressor comprising a case having discharge and return lines secured thereto, a motor compressor unit mounted inside said case and including a cylinder housing having a cylinder and a piston therein, an electric motor secured to said cylinder housing to drivingly reciprocate said piston in said cylinder, a cylinder head secured to said cylinder housing, said cylinder head including an inlet chamber and a discharge chamber, suction muffler means connecting said inlet chamber to said return line, discharge muffler means connecting said discharge chamber to said discharge line, said discharge muffler means including first and second muffler chambers in series, said chambers being substantially equal in volume and each chamber having a volume of at least three times the swept volume of said piston in said cylinder, a first fluid passage connecting said discharge chamber with said first muffler chamber, a second fluid passage connecting said first muffler chamber to said second muffler chamber said second passage being longer and of smaller cross-sectional area than said first passage, and a third fluid passage from said second muffler chamber to said discharge line on said shell.

Compl. Specn. 25 pages.

Drgs. 3 sheets.

IND. CL. : 67 A.

156566

INT. CL. E 03 b, 65/00.

Title : AN ANTI-THEFT ELECTRIC DEVICE FOR LOCKING OF VEHICLES.

Applicant & Inventor : MANAPURATH CHACKO ABRAHAM, INDIAN NATIONAL, OF C-3, RAJAT REKHA SOCIETY, 142/6, JAIPRAKASH ROAD, ANDHERI (WEST), BOMBAY-400 058, MAHARASHTRA STATE, INDIA.

Application No. 14/Bom/1982 filed on Jan. 18, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Bombay.

4 Claims

An anti-theft electric device for locking of vehicles and in particular, motor cars comprising a plurality of moving contacts operable from outside by corresponding knobs through spindle assembly and a plurality of series connectable contacts being connected in series with the vehicle battery and the ignition coil and a plurality of parallel connectable contacts being connected in between the said battery and the vehicle horn; characterised in that for only in one position of said knobs, the said moving contacts connect all the said series connectable contacts and in all other positions connect at least one of the said parallel connectable contacts such that the contact between the battery and the ignition coil is broken but bringing the horn circuit into action indicating the attempted theft of the said motor car.

Compl. Specn. 8 pages.

Drg. 1 sheet.

CLASS : 29 A, 63 A3.

156567

Int. Cl. : H 02 K, 37/00.

Title : IMPROVEMENTS IN OR RELATING TO STEPPER MOTORS.

Applicant : TUKARAM VAMAN HOLE, C/O. TANDON MAGNETICS (INDIA) PRIVATE LIMITED, SDF BUILDING I, UNIT NO. 9, SEEPZ, ANDHERI EAST, BOMBAY-400 096, INDIA, INDIAN NATIONAL.

Inventor : MANOHAR LAL TANDON.

Application No. 34/Bom/1982 filed on Feb. 6th 1982.

Post dated to April 30th 1983.

Complete Specification filed on April 30th 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Bombay.

8 Claims

An improved stepper motor of the type herein referred to characterised in that a magnetic coil (1) is wound across the stator (2) the rotor (9) being mounted on a shaft (5) along with the anisotropic rare earth cobalt magnets (4) the said shaft (5) being provided with two ball bearings (6) at its two ends, the said stator (2) and rotor (9) assembly being held in position by two end covers (7) leaving an air gap of 50 to 60 microns between the said rotor and stator.

Compl. Specn. 9 pages.

Drgs. 8 Sheets.

INT. CLASS : 29A.

156568

IND. CLASS : G 06 f 13/00.

Title : AN IMPROVED FLEXIBLE DISK DRIVE UNIT FOR COMPUTER SYSTEMS.

Applicant : TUKARAM VAMAN HOLE, C/O. TANDON MAGNETICS (INDIA) PRIVATE LIMITED, SDF BUILDING I, UNIT NO. 9 SEEPZ, ANDHERI EAST, BOMBAY-400 096, MAHARASHTRA, INDIA, INDIAN NATIONAL True & First Inventor : MANOHAR LAL TANDON.

Application No. 35/Bom/1982 filed Feb. 6, 1982.

Post dated to April 30, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Bombay.

2 Claims

An improved flexible disk drive unit for computer systems which comprises of an index pulse shaper which produces a pulse for detecting index hole in the disk; a write protect sensor which routes a signal, disabling the write electronics to protect the data recorded or written already; a track sensor to give a true (low) level signal to determine the position of the magnetic head assembly; a carriage positioner control to inhibit the positioner motion of head positioning system which would operate back and forth by a DC stepper motor during a write operation; write and erase control to provide flexibility in track positioning and guard band on either side of the recorded track during write or erase operation respectively; a Read amplifier and digitizer, to amplify the output signal from the read, write head position control and the digitizer circuitry, to give one microsecond read data pulse, corresponding to each peak of the read signal, all the above said units being connected and presented to the user through the interface control line as shown in figure 2 of the accompanying drawing; the control circuitry from the spindle drive system having a current limiter and interface control line disables the motor drive when the current through the drive motor exceeds 1.3 ampere.

Compl. Specn. 10 pages.

Drgs. 10 sheets.

CLASS : 102C.

156569.

Int. Cl. : G01f 1/00.

Title : AN OPTO-ELECTRIC COUNTER DEVICE FOR FLOW METERS AND THE LIKE.

Applicant : SHYAM BHAGWANDAS KEWALRAMANI, 4, FATIMA VILLA, PADUMJEE PARK, POONA-411 002, INDIA.

Application No. 58/Bom/1982 filed Mar. 12, 1982

Comp. after prov. left Mar. 17, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972), Patent Office, Bombay Branch.

3 claims

An opto-electric counter device for flow meters and the like comprising in combination a casing having a rotor shaft and photo-cell arrangement, wherein said rotor shaft is provided with a circular disc plate at its center and the said rotor shaft is mounted inside said casing with bushings or ball bearings and is also extended outside said casing, having means connectable to the rotor shaft of the flow meter; said circular disc plate is provided with pin hole type perforations and is rotating within the gap between the photo-cell and light emitting diode and the output of this photo-cell is connected to an electronic counter-cum-printer functioning as a totaliser which is either located on the flow meter body or is remotely located; the arrangement being such that when the said rotor shaft is coupled to the shaft of the flow meter rotates, the said disc plate interrupts the light source on the photo-cell and this interruption generates a pulse which is fed to the said counter-cum-printer with totaliser which directly registers the amount of liquid delivered by the said flow meter, and also prints out the quantity of liquid so discharged and characterised in that a bridge is provided within said casing and limbs of said bridge being provided with foam pads on its inner surface and in contact with said disc plate for wiping clean pin holes in said disc plate to prevent clogging and wherein said bridge is provided adjacent to or opposite said photo-cell arrangement.

Comp. Specn. 7 pages, Drgs. 1 sheet

Prov. Specn. 4 pages, Drgs. Nil.

CLASS : 36 B

156570.

Int. Class : F 0 4 d 29/00.

Title : ONE-PIECE CIRCULAR BLADE FOR FANS.

Applicant and Inventor NANDAN RAMDAS CHITTAL, 10/6, SAHAJIVAN HOUSING SOCIETY, BHATWADI, GHATKOPAR (W), BOMBAY-400 084, INDIA.

Application No. 81/Bom/1982 filed April 1, 1982.

Complete after provisional left Jun 30, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972), Patent Office, Bombay Branch.

3 Claims

A one-piece blade for electric fans, the said blade having a single continuous blade surface comprising of an annular arc and the two open ends of the arc forming the leading and trailing ends of the blade and both ends being in different horizontal planes; the said arc forming a partial spiral of itself, and the surface plane of the said arc making angles with the horizontal plane in the direction of the radius of the said arc and also in the direction of the rotation of the said arc at any point along the circumference of the said arc; and the said angles and also the cross-section of the surface of the said arc, varying or remaining constant over the length of the circumference of the said arc; and the top and bottom surfaces of the arc being curved and smooth.

Complete specification 11 pages; Drawing 1 sheet.

Provisional specification 2 pages Drawings nil.

CLASS : 166B.

156571.

Int. Cl. : B63c-9/20.

Title : A NAVAL BUOY OPERATED BY PHOTO-ELECTRIC CELL.

Applicant & Inventor : HOMI RUSTOM VAKIL, MAISON BELVEDERE, FLAT NO. 27, 107 MAHARSHI KARVE ROAD, BOMBAY-400 026.

Application No. : 103/Bom/1982 filed Apr. 23, 1982.

Comp. after prov. left on Jan. 28, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972), Patent Office, Bombay Branch.

4 claims

A naval buoy operated by photo-electric cell comprising : (i) one or two electric bulbs screwed into bulb-holders surrounded by a transparent leak-proof plano-convex cylindrical cover at the top of the buoy, said cover being protected by a cylindrical guard; (ii) below the guard, a coaxial cylindrical chamber containing an electronic circuit energising the bulb/bulbs; (iii) below the chamber, a coaxial battery box accommodating two/eight dry cells, as the case may be, for energising the electronic circuit; (iv) below the battery box, a radar reflector constituted by joining four perforated aluminium sheets, two of which the equal square, and two rectangular (half such square) so as to produce a structure disposed concentrically and with the sheets mutually perpendicular to one another; (v) a stave passing equi-angularly through the centre of the radar reflector and supporting at its upper end the battery box (vi) the stave having below the radar reflector a clamp for wire-rope sling for lifting harness to enable the buoy to be recovered from the sea; (vii) well below the clamp, a frame with a circular rim supported by a plurality of inclined tubes with their lower ends anchored in a collar surrounding the stave the stave above the collar having another clamp for holding another wire-rope sling of the said lifting harness; (viii) the stave passing through a tubular hole in the centre of a symmetrical float, the float being separated at its top from the said collar by a washer, a third clamp being on the stave

under the float and separated from it by a washer and having attached to it a chain through an Ingle-field feature; and (ix) a dead weight of a symmetrical shape at the end of the stave adapted to maintain the buoy in an upright position.

Comp. Specn. 12 pages. Drgs. 9 sheets.

Prov. Specn. 3 pages. Drgs. nil.

Int. Class : 36B₂

156572

Int. Class : F 0 4 d 29/00.

Title : SEMI-CIRCULAR SHAPED FAN BLADE.

Applicant and Inventor : NANDAN RAMDAS CHITTAL, 10/6, SAHAJIVAN HOUSING SOCIETY, BHATWADI, GHATKOPAR (WEST), BOMBAY-400 084, MAHARASHTRA, INDIA.

Application No. 116/Bom/1982, filed Apr. 29, 1982.

Complete after provisional left on July 29, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, Bombay-400 013.

2 claims

A semicircular shaped fan blade having the leading and trailing ends in different horizontal planes; and the surface plane and the ends of the said blade making angles with the horizontal plane in the direction of the radius of the blade and also in the direction of the rotation of the said blade at any point along the circumference of the said blade.

Provisional specification 2 pages; Drawings nil.

Complete specification 8 pages; Drawing 1 sheet.

Int. Cl. : 36B₂

156573

Int. Cl. : F04d—29/00.

Title : A CEILING FAN.

Applicant : NANDAN RAMDAS CHITTAL, 10/6, SAHAJIVAN HOUSING SOCIETY, BHATWADI, GHATKOPAR (WEST), BOMBAY-400 084, INDIA.

Application No. : 117/Bom/1982 filed on Apr. 29, 1982.

Complete specification filed on Jul. 29, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972), Patent office, Bombay Branch.

2 Claims

A ceiling fan comprising of a cylindrical casing having an inlet hood at the top end and a conical diffuser at the bottom end and the said casing having inside from the top a guard screen, two contra-rotating impellers driven by electric motors and a heating coil; the said conical diffuser being connected to a cylindrical outlet chamber and the surfaces of the said chamber having grids and a hollow frustum of a cone being fitted within the said chamber.

Prov. Specn. 2 pages. Drgs. nil.

Comp. Specn. 9 pages. Drgs. 1 sheet.

Int. Cl. : 81

156574

Int. Cl. : A-62c—13/00.

Title : IMPROVEMENTS IN OR RELATING TO THE FIRE EXTINGUISHING APPARATUS.

Applicant : VIJAY FIRE PROTECTION SYSTEMS PRIVATE LIMITED, OF 35, CHANDIVALI VILLAGE, OFF SAKI VIHAR ROAD, BOMBAY-400 072, MAHARASHTRA, INDIA.

Inventor : HARISH RATILAL SALOT.

Application No. : 165/Bom/1982 filed on Jun. 26, 1982.

Comp. After prov. left on Sept. 7, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972), Patent Office, Bombay Branch.

2 claims

An improved fire extinguishing apparatus which consists of a metallic container, having known per se fire extinguishing agents, characterised in that the container is provided at its top end with an opening in which a neckring is welded, the inner walls of the container being electroplated by a layer of inert metal and an adaptor fitted on the neckring to hold the known per se valve assembly of the fire extinguishing apparatus.

Prov. Specn. 3 pages. Drgs. nil.

Comp. Specn. 7 pages. Drgs. 1 sheet.

Ind. Cl. : 20A—B.

156575.

Int. Cl. : G 09 b 19/00.

Title : AN IMPROVED DEVICE FOR TEACHING MULTIPLICATION TABLES.

Applicant : JAIKRISHIN GANGARAM GVALANI, AN INDIAN NATIONAL, RESIDING AT E-2/6, SUNDER NAGAR, SWAMIVIVEKANAD ROAD, MALAD (WEST), BOMBAY-400 064, MAHARASHTRA, INDIA.

Application No. 169/Bom/82, filed on Jun. 30, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rule 1972) Patent Office, Bombay Branch.

2 Claims

An improved device for teaching multiplication Tables, which enables to put into practice the psychology of learning, consisting of a set of sheets of any rigid or semi-rigid material such as paper-board, plastic, metal or the like material, printed with multiplication tables in any language on its inner pages, one such inner page printed with only one multiplication table, the two outer pages on the front and reverse sides of this set of sheets not printed with any multiplication tables, and this set of sheets held together with a fastener-cum-pivot of any material such as metal, plastics or the like material, on which fastener-cum-pivot the sheets of the set can be moved by rotation.

Complete specification 5 pages. Drawings 1 sheet.

Ind. Cl. : 69 M.

156576.

Int. Cl. : H 01 h 67/00.

A RANDOM SELECTIO MULTI POSITION SWITCH.

Applicant & Inventor : ATUL SHRIKRISHNA MAGIKAR, INDIAN NATIONAL OF 59B, ERANDAVANA, KANCHAN GALLI, POONA-411004, MAHARASHTRA, INDIA

Application No. 177/Bom/82 filed on July 5, 1982, Comp. after Prov. left on Dec 28, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Bombay Branch.

7 Claims.

A random selection multi-position switch comprising a main body, a centrally mounted spring loaded lever pivoted on a socket integral or bolted to a bottom plate of the body through a disc forming the switch contact actuating means; a plurality of spring loaded micro switch contacts points

located circumferentially around the said centrally mounted spring loaded lever and below and/or above the periphery of the said micro switch contact actuating means; means for deflecting the said centrally mounted spring loaded lever into any one of the slots provided on the main body to cause connection of any one of the micro contact point.

Prov. specn. 3 pages.

! Drg. Nil.

Comp. specification 8 pages.

Drg. 1 sheet.

CLASS : 62 E, 170 B -D

156577

Int. Cl. : C 11 d 1/00, 1/28, 1/86.

DETERGENT COMPOSITIONS.

Applicants : HINDUSTAN LEVER LIMITED, OF HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION, BOMBAY-400 020, MAHARASHTRA, INDIA.

Inventors : 1. JEFFREY DALE HAMPSON,
2. REGINALD BILLINGTON &
3. IANRUSSEL COX.

Application No. 191/BOM/82 Filed JUL 26, 1982.

Anti dated to 24th July 1982.

U.K. Convention priority date 24th July 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Bombay Branch.

17 Claims.

A synergistic detergent composition comprising :

(a) at least one compound of the formula I of the accompanying drawings wherein each of R_1 and R_2 which may be the same or different, represents an alkyl group having from 7 to 9 carbon atoms, and X_1 represents a solubilising monovalent cation as herein described and;

(b) at least one compound of the formula II wherein one of R_3 and R_4 represents an alkyl group having from 7 to 9 carbon atoms and the other represents an alkyl group having from 3 to 6 carbon atoms, and Z_2 represents a solubilising cation as herein described, which may be the same as or different from X_1 , said composition optionally including;

(c) at least one compound of the formula III wherein each of R_5 and R_6 which may be the same or different, represents an alkyl group having from 3 to 6 carbon atoms, and E_3 represents a solubilising cation as herein described, which may be the same as or different from X_1 and/or X_3 with or without known anionic, nonionic, cationic, witterionic or amphoteric detergent-active agents.

Comp. Specn. 46 pages.

Drgs. 2 sheets.

Ind. Cl. : 62E, 170B D.

156578.

Int. Cl. : C11d-1/00, 1/28, 1/32, 1/86.

DETERGENT COMPOSITIONS.

Applicants : HINDUSTAN LEVER LIMITED, OF HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION, BOMBAY-400 020, MAHARASHTRA, INDIA.

Inventors : REGINALD BELLINGTON (2) DAVID JOHN EDGE. (3) PETER WINTERBOTHAM.

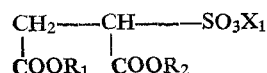
Application No. 192/Bom/82, filed on Jul. 26, 1982 ante dated to 24th July, 1982.

U.K. Convention priority date Jul 24, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Bombay.

12 Claims.

A detergent composition suitable for dishwashing, which comprises at least one detergent-active dialkyl sulphosuccinate of the formula I;



wherein each of R_1 and R_2 which may be the same or different, is a straight-chain or branched-chain alkyl group having from 3 to 12 carbon atoms, and X_1 represents a solubilising cation as described herein and from 1 to 50% by weight, based on the total detergent-active material present, of at least one substantially water soluble substantially undergraded protein as herein described, said composition optionally including other, known detergent-active material selected from one or more anionic, nonionic, cationic zwitterionic or amphoteric detergent-active agents.

Comp. Specn. 20 pages.

Drgs. Nil.

CLASS : 62E, 170B -D

156579

Int. Cl. : C 11 d-1/28, 1/86.

A PROCESS FOR PREPARING DETERGENT ACTIVE SULPHO-SUCCINATE COMPOUNDS.

Applicant : HINDUSTAN LEVER LIMITED, OF HINDUSTAN LEVER HOUSE, 165/166 BACKBAY RECLAMATION, BOMBAY-400 020, MAHARASHTRA, INDIA.

Inventors : (1) IAN RUSSELL COX (2) KEITH JONES.

Application No. . 195/Bom/82 filed on July 26, 1982. Ante dated July 24, 1982.

U.K. Convention priority date July 24, 1981.

Appropriate office for opposition proceeding (Rule 4, Patents Rules 1972), Patent Office, Bombay Branch.

5 Claims.

A process for the preparation of a compound of the formula 1 of the accompanying drawings wherein one of R_1 and R_2 represents a C_6 alkyl group and the other represents a C_8 alkyl group, and X represents a monovalent cation or 1/m of an m -valent cation, characterised in that it includes the step of subjecting an ester of the formula II wherein R_1 and R_2 are as defined before to bisulphits addition which is preferably carried out in the presence of a phase transfer catalyst or dipolar aprotic solvent.

Comp. Specn. 28 pages.

Drgs. 2 sheets.

CLASS : 195G.

156580

INT. CL. : F 16 K 15/04.

Title : AN IMPROVED TYPE OF FOOT VALVE.

Applicant & Inventor : PRABHUDAS POPATLAL HARSORA, C/O HARSORA ENGG. WORKS, GIDC INDUSTRIAL ESTATE, VITHALWAI, PLOT NO. 8/2/A, BHAVNAGAR-364 001, GUJARAT, INDIA.

Application No. 197/Bom/1982 Filed JUL 29, 1982.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Bombay Branch.

3 Claims

An improved foot valve comprising an upper cylindrical valve body attached to a cup shaped lower valve body which is provided with water inlet slots, a disc valve housed inside the valve body and arranged to sit on a valve seat, the disc valve being rigidly mounted at the top of a vertically slidable spindle characterised by that :

the spindle is spring loaded normally urging the disc valve resting against the valve seat,

the movement of the spindle is guided at top and bottom through holes in the bracket like members of the lower valve body ensuring true axial movement of the disc valve,

the face of the disc valve resting on the valve seat being lined with washer made of synthetic rubber,

the valve seat is made of annular gun metal ring, and

the valve spindle and the spindle spring the both made of stainless steel.

Compl. Specn. 5 pages. Drg 1 sheet.

IND. CL. : 98E.

156581

INT. CL. : F28c -3/00.

Title : A SYSTEM FOR EFFICIENTLY UTILISING LOW GRADE HEAT OR DEGRADED HEAT OF HIGH GRADE HEAT TO GIVE ME MECHANICAL POWER OUTPUTS IN SUCCESSION OVER A RANGE OR BAND OF TEMPERATURES.

Applicants : BHARAT BILHE LIMITED, ELECTRIC MANSION, 6TH FLOOR, APPASAHEB MARATHE MARG, PRABHADEVI, BOMBAY 400 025, INDIA.

Inventor : SWANAND ANANT GOGATE.

Application No. 200/BOM/1982 FILED JUL. 31, 1982

COMPLETE AFTER PROVISIONAL LEFT ON OCT. 31, 1983.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Bombay Branch.

12 Claims

A system for efficiently utilising low grade heat or degraded heat of high grade heat to give mechanical power outputs in succession over a range or band of temperatures, the said system comprising a plurality of subsystem in the form of containers in series, each said container being made of a conducting material and having a working substance inlet cum outlet which is provided with regulating means and a vapour outlet cum condensate/associate inlet which is provided with a condenser, each said container further having at least one heat exchanger, each said container and corresponding heat exchanger(s) being thermally insulated, the heat exchanger(s) of one said container being connected to the heat exchanger(s) of another said container by heat transfer loops, the heat exchanger or one of the heat exchangers of the first of said containers being connectable to the said heat by heat transfer loops and the heat exchanger or one of the heat exchangers of the last of said containers being adapted to reject degraded heat into the heat sink, each said container containing a working substance whose quiescent temperature or boiling point is less than the temperature of the said heat, the quiescent temperature or boiling point of said substance in each one container being less than the quiescent temperature or boiling point of said substance in each other container immediately preceding said each one container and means for conducting the said heat through the said heat transfer loops and heat exchangers in a predetermined manner or sequence such that while the said heat is being conducted through each one heat exchanger in succession a positive vapour pressure is developed in the corresponding container and due to said positive vapour pressure a mechanical power output is obtained from said corresponding container and that while the said heat is being conducted away from said one heat exchanger to each other heat exchanger immediately following said each one heat exchanger a negative vapour pressure or vacuum or suction is created in said corresponding container due to association or condensation of vapour therein

Comp. Specn. 15 pages, Drgs. 1 sheet

Prov. Specn. 9 pages, Drg 1 sheet.

CLASS 690.

156582

INT. CL. : H01h 56/00.

Title : AN IMPROVED NO TO NC OR NC TO NO CONVERTIBLE DOUBLE BREAK ELECTROMAGNETIC RELAY SUCH AS CONTACTOR.

Applicant : LARSEN AND TOUBRO LIMITED, OF L & T HOUSE, NAROTTAM MORARJI MARG, BALLARD ESTATE, BOMBAY-400 001, INDIA, AN INDIAN COMPANY.

Inventor : DEVENDER NATH.

Application No. 201/BOM/1982 FILED ON JUL. 31, 1982.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Bombay Branch.

3 Claims

An improved no to nc or nc to no convertible double break electromagnetic relay such as contactor comprising a magnet system and a contact system housed in a casting magnet system comprising a magnet, armature and coil and said contact system comprising one or more fixed contacts and moving contacts, the moving contact (s) of said contact system being movable along the depth of said relay, the improvement being that each fixed terminal of the said contact system is U-shaped and is provided with at least one indicating hole, mark or the like, one free end of each said U-shaped fixed terminal being provided with a straight limb and the other free end of each said U-shaped fixed terminal being provided with a L-shaped limb, the said contact being provided on said L-shaped limb, said U-shaped fixed terminal being adapted to detachably connect a wire or the like thereto by providing a further hole therethrough said wire or the like being connectable to said fixed terminal by a screw secured through said further hole, each said fixed terminal including an insert having a hole coaxially with said further hole through said fixed terminal and two directly opposite sides extending beyond said fixed terminal when inserted therein and that the surface in the upper part of said casing in which said U-shaped fixed terminal is supported being an L-shaped hollow portion having a part of one limb of said hollow portion vertically cut off such that two directly opposite side walls of said one limb are exposed, said hollow portion comprising a rib with a collar provided across said opposite side walls and adjoining the lower surface of said hollow portion, a vertical hole provided through the lower surface of said hollow portion and in the proximity of said rib, a pair of grooves one groove being provided along one side wall of the other limb of said hollow portion and the other groove being provided along the other side wall of said other limb opposite to said one side wall, said grooves being identical to and directly opposite to each other, a pair of ridges each being provided along either side of said one groove and spaced apart therefrom and a further pair of ridges each being provided along either side of said other groove and spaced apart therefrom, said fixed terminal when inserted in said hollow portion sits on said rib with the outer portion of its L-shaped limb engaged between upper or lower surface of said hollow portion and the corresponding said ridges and said two directly opposite sides of said insert extending beyond said fixed terminal engaged in said grooves, lower end of said screw engaging said vertical hole and said collar of said rib exposing said indicating hole, mark or the like of said fixed terminal in the no or nc mode.

Comp. Specn. 10 pages, Drgs. 3 sheets.

CLASS : 70B.

156583

INT. CL. : B01k -3/04.

Title : A PROCESS FOR THE MANUFACTURE OF MAGNETIC ELECTRODES.

Applicants : WIMCO LIMITED, INDIAN MERCANTILE CHAMBERS, RAMJIBHAI KAMANI MARG, BALLARD ESTATE, BOMBAY-400 038, INDIA.

Inventors : (1) RAMASUBRANIAM RAMALINGAM IYER AND (2) HOSHUNG PALLONJI CONTRACTOR.

Application No. 203/BOM/1982 FILED AUG. 2, 1982.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Bombay Branch.

6 Claims

A method for producing an anode capable of use for cathodic protection of a metallic structure against corrosion which consists in heating a charge consisting of iron ore and silica to a temperature of upto 1600°C for a period such that the reduced ore has a ferrous to ferric ratio of 0.95 to 1.05 : 1, tapping the melt directly into a mould, allowing a cooling of the melt for a period such that the central portion is still in a liquidous phase, tilting the mould for removal of the liquidous phase and to, thereby, obtain a red hot cast piece having an opening and, thereafter, subjecting the piece to the step of annealing.

Comp. Specn. 10 pages, Drgs. NIL.

CLASS : 70B

156584

INT. CL. : B 01 k-302.

Title : A MAGNETITE ELECTRODE.

Applicants : WIMCO LIMITED, OF INDIAN MERCANTILE CHAMBERS, RAMJIBHAI KAMANI MARG, BAL-LARD ESTATE, BOMBAY-400 038, INDIA.

Inventors : (1) RAMASUBRANIAM RAMALINGAM IYER & (2) HOSHUNG PALLONJI CONTRACTOR.

Application No. 204/BOM/1982 FILED AUG. 2, 1982.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Bombay Branch.

8 Claims

A magnetite electrode of use for cathodic protection of metallic structures against corrosion comprising an outer casing of magnetite, said casing being a U shaped member having a coating of copper on the inner surface thereof, a copper strip or ring held to said inner surface and having one end of a conductor held thereto, a cap held to said U shaped member, said conductor extending through said cap and held thereto, said copper strip or ring held in a water resistant manner to said inner surface.

Comp. Specn. 10 pages, Drawing 1 sheet.

IND. CL. : 129 G, 153.

156585

INT. CL. : B 24 b-5/04.

Title : A GRINDING HEAD FOR SURFACE GRINDING MACHINE TO PERFORM CYLINDRICAL GRINDING.

Applicant & Inventor : ASISH SENGUPTA, INDIAN NATIONAL, 370 KORFGAON PARK, PUNE-411 001, MAHARASHTRA, INDIA.

Application No. 214/BOM/1982 filed on 16 Aug., 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Bombay-400 013.

4 Claims

A grinding head for grinding of cylindrical objects on a surface grinding machine consisting of a base on which is integrally or rigidly mounted a body, a pair of first two rollers mounted at one edge of the said body in close proximity to each other, one of the said rollers being a driving

roller, the other being an auxiliary roller, a spring loaded adjustable clamping roller mounted on a clamping bracket on another edge of the said body and placed near the said first two rollers; the said three rollers being adapted to hold in place a cylindrical object to be ground.

Complete specification 6 pages, Drawings 1 sheets.

CLASS : 201 C.

156586

Int. Cl. : B 01 j-1/04.

PROCESS FOR THE REGENERATION OF SPENT ANION EXCHANGE RESINS.

Applicants : ION EXCHANGE (INDIA) LTD. TIECI-CON HOUSE, DR. E. MOSES ROAD, WORLI, BOMBAY-400 011, MAHARASHTRA, INDIA.

Inventors : (1) DNYANESHWAR KHANDU PINGALE, (2) SRINIWAS VINAYAK VAIDYA & (3) VIJAY SRIPAD KAMAT.

Application No. 229/Bom/1982 filed Sep. 8, 1982.

Comp. after Provisional left Oct. 20, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

8 Claims

A process for the regeneration of spent anion exchange resins which comprises eluting said spent resins by treating them with chemicals such as alkali metal salts, alkaline earth metal salts, pseudo alkali alkaline salts or mixtures thereof and thereafter contacting the treated resins with an alkali metal hydroxide in order to regenerate them.

Comp. specification 8 pages.

Prov. Specification 5 pages.

Drgs. Nil.

CLASS : 170B.

156587

Int. Cl. : C 11 d-1/00, 3/00, 3/07.

Title : AN IMPROVED LIQUID ABRASIVE CLEANING COMPOSITION.

Applicant : HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE, 165-166, BACKBAY RECLAMATION, BOMBAY, MAHARASHTRA, INDIA.

Inventors : (1) BRIERLEY JOHN MARTIN AND (2) SCOTT MELVIM.

Application No. 303/BOM/1982 filed on Nov. 10, 1982

U. K. Convention priority date 13th Nov. 81.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

7 Claims

An improved liquid abrasive cleaning composition having improved stability against high extensional shear rates comprising an aqueous suspending medium having anionic detergent material as herein described in an amount of 0.5 to 15% by weight, an electrolyte dissolved in said aqueous medium and a fatty acid alkylolamide in amount of 0.3 to 5% by weight, said composition also including 1 to 65% by weight, of a non-colloidal dissolved particle material as herein described, characterized by the improvement wherein said electrolyte is a non-condensed phosphate electrolyte as herein described in amounts of 0.5 to 10% by weight, and wherein said fatty acid alkylolamide is a fatty acid mono alkylolamide as herein described

Comp. Specn. 15 pages.

Drgs. Nil.

CLASS : 9C.

126588

Int. Cl. : C22c -19[00].

Title : PROCESS FOR PREPARING ALLOYS RESISTANT TO CORROSION AND WEAR AT ELEVATED TEMPERATURES.

Applicant NITTO BOSFUKI CO. LTD. A JAPANESE CORPORATION, LOCATED AT 1 AZA HIGASHI, GOUNOME, FUKUSHIMA-SHI FUKUSHIMA-KEN, JAPAN.

Inventor : (1) SABURO KUNIOKA, (2) KIYAMU OKUMA, (3) TSUNEHIRO HAGA, AND (4) HATSUO KAWAGUTI.

Application No. 30716M 1982 filed on Nov. 12, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

4 Claims

A process for preparing alloys resistant to corrosion and wear at an elevated temperature of more than 1000°C characterized by co-melting essentially metallic ingredients of 15 to 35 percent by weight of Cr, 1.0 to 5.5 percent by weight of W, 0.10 to 0.25 percent by weight of Ti, 0.10 to 0.25 percent by weight of Zr, 1 percent by weight of Nb and the remainder constituted by Ni, the co-melt including 0.1 to 0.8 percent by weight of non-metallic carbon and cooling the co-melt to obtain a final alloy.

Compl. Specn. 13 pages.

Drgs. 1 sheet.

CLASS : 45G.

156589

Int. Cl. : E03d — 1/00

Title : A FLUSHING CISTERN.

Applicant & Inventor VED PRAKASH CHATURVEDI, 1089, MANI DANA COLONY, GITTIKHADAN, KATOL ROAD, NAGPUR-440 013, MAHARASHTRA, INDIA.

Application No. 315 E/M 1982 filed Nov. 19, 1982.

Comp. after prov. left Nov 12 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

6 Claims

A flushing cistern capable of discharging either full quantity of water or preset less quantity of water which comprises :—

- (i) a float rod 'F' having movable weight 'G₁', fitted with a float operated inlet valve 'E' at one end and float ball 'J' at the other end,
- (ii) a siphon pipe 'R' having open bent end 'T₁', at one end and connected to discharge outlet 'N' by means of a flexible hosesipe coupling 'P' at the other end, the said siphon pipe 'R' being suspended from pivots 'Q₁' and 'Q₂' to enable its open bent end 'T₁' to move in the vertical plane within the cistern,
- (iii) a siphon arm 'K₁' pivotally mounted on brackets 'S', having independent movement round its pivot in the horizontal plane and normally maintained in its straight upright position by tensioning spring 'K₂' and the said bracket 'S' being rigidly fixed to siphon pipe 'R' and consequently the bracket 'S' the siphon arm 'K₁' and siphon pipe 'R' all moving simultaneously together in the vertical plane within the cistern,
- (iv) top platform 'H₁' with its bottom platform 'H₂' rigidly fixed to float rod 'F' and consequently platform 'H₁/H₂', float rod 'F' and float ball 'J' moving simultaneously together in the vertical plane within the cistern and the said platforms 'H₁' and 'H₂' having been constructed at such height that as long as siphon arm 'K₁' rests on top platform 'H₁' the portion of siphon pipe 'R' above its point 'T₂' always remains above the level of water and hence empty and consequently no water can flow out of the

cistern and further when siphon arm 'K₁' is pushed either to left side or to right side by the prongs of fork 'L' it leaves top platform 'H₁' and falls and rests on the corresponding side bottom platform 'H₂' and the entire siphon pipe 'R' gets fully submerged in water and water positively flows out of the cistern through siphon pipe 'R'.

- (v) adjustable stand 'M₁' which can be fixed at suitable height grade its housing 'M₂' by means of stop screw 'M₃' thereby enabling this flushing cistern to discharge preset less quantity of water by stopping and supporting siphon arm 'K₁' during its downward movement while the water is flowing out and level of water and consequently the float ball 'J' platform 'H₁/H₂' and siphon arm 'K₁', which is resting on right side bottom platform 'H₂', are falling downwards,
- (vi) a lead-screw 'B₁' having screwnut 'C' and the screwnut 'C' having an extension member 'D' engaged within a corresponding slot provided on weight 'G₁' to move weight 'G₁' along float rod 'F' in the same direction as screw nut 'C' and when weight 'G₁' is correctly located on float rod 'F' it accurately regulates the inflow of water to ensure that the cistern is positively filled to its maximum capacity and yet there is no overflow of water,
- (vii) a flush operating rod 'U' rigidly fitted with fork 'L' at its inner end and a T shaped crank 'V' at its outer end, the said crank 'V' having arms 'W' and 'X' and being maintained in its Normal position by tensioning spring 'Y' fixed to arm 'X' at one end and to bracket 'X' at the other end and after the cistern is full with water if arm 'W' of crank 'V' is depressed it turns flush operating rod 'U' on its axis in clockwise direction and consequently fork 'L' turns in clockwise direction so that prongs of fork 'L' push siphon arm 'K₁' towards left side with the result that the siphon arm 'K₁' which normally rests on top platform 'H₁' leaves top platform 'H₁' and falls and rests on left side bottom platform 'H₂' and consequently siphon pipe 'R' gets fully submerged in water and water starts flowing out of the cistern through siphon 'R' and thereafter as the level of water recedes the float ball 'J' platform 'H₁/H₂' together with siphon arm 'K₁' which is resting on left side bottom platform 'H₂' and consequently the siphon pipe 'R' all kept on falling downwards together until the end 'T₁' of siphon pipe 'R' settles on the bottom floor of the cistern is flushed out through siphoning action pipe 'R' since stand 'M₁' is located on the right side) after which the entire water contained in the cistern is flushed out through siphoning action with the result that the float ball 'J' also settles on the bottom floor of the cistern and consequently the top platform 'H₁' settles below the level of siphon arm 'K₁' and hence siphon arm 'K₁' is restored to its normal position and located above top platform 'H₁' by tensioning spring 'K₂' and again after the cistern is filled up with water if arm 'X' of crank 'V' is depressed it turns flush operating rod 'U' on its axis in anticlockwise direction and consequently fork 'L' turns in anticlockwise direction so that the prongs of fork 'L' push siphon arm 'K₁' towards right side with the result that the siphon arm 'K₁' which normally rests on top platform 'H₁' leaves top platform 'H₁' and falls and rests on the right side bottom platform 'H₂' and consequently siphon pipe 'R' gets fully submerged in water and water flows out of the cistern through siphon pipe 'R' and thereafter as the level of water recedes the float ball 'J' platform 'H₁/H₂' together with siphon arm 'K₁' which is resting on right side bottom platform 'H₂' and consequently siphon pipe 'R' all kept on falling downwards together until the siphon arm 'K₁' is stopped and supported by dustable stand 'M₁' but at this moment the bent portion of siphon pipe 'R' still remains submerged in water and hence water continues to flow out of the cistern through siphoning action until the level of water drops below

end 'T1' of siphon pipe 'R' so that the siphon pipe 'R' becomes empty and no more water can flow out of the cistern with the result that preset less quantity of water is flushed out depending on the height at which the adjustable stand 'M1' is fixed and water below the bent end 'T1' of siphon pipe 'R' remains undischarged inside the cistern and further at this stage the base of the float ball 'J' attains the level of bent end 'T1' (i.e. the level of water) and consequently the top platform 'H1' settles below the level of siphon arm 'K1' and hence tensioning spring 'K2' restores and locates siphon arm 'K1' above top platform 'H1' and further due to float ball 'J' having fallen sufficiently the water inlet valve 'E' is opened and water starts flowing into the cistern and consequently the level of water together with float ball 'J' along with platform H1/H2 start rising upwards and top platform 'H1', which as explained above is now located below the siphon arm 'K1', siphon arm 'K1' soon picks up the siphon arm 'K1', and siphon arm 'K1' then rests on top platform 'H1' and keeps on rising upwards along with top platform 'H1' with the result that the portion of siphon pipe 'R' above its point 'T2' remains continuously above the level of water and hence empty and no water can flow out of the cistern and the cistern gets filled to its maximum capacity and becomes ready for the next flushing operation.

Comp. Specn. 38 pages, Drgs. 3 sheets.

Prov. Specn. 10 pages, Drgs. 1 sheet.

Ind. Class : 126 A. 156590.

Int. Class : H 0 3 d 3/00.

Title : ELECTRONIC PULSE DISCRIMINATOR FOR CARRYING OUT PULSE DISCRIMINATION.

Applicants and Inventors : RAVINDRA BABURAO MARATHE, MARATHE ENGINEERING INDUSTRIES, INDUSTRIAL ESTATE, MIRAJ-416410, MAHARASHTRA, INDIA.

Application No. 319/Bom/1982, filed November 19, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Bombay Branch.

3 Claims

An electronic pulse discriminator for carrying out the pulse discrimination comprises of (i) one AND gate; (ii) six resistors R-1 to R-6; (iii) two capacitors C-1 and C-2; (iv) one transistor T-1; (v) two amplifiers A-1 and A-2; and (vi) one diode D-1 connected as shown in circuit diagram of Figure 3 of the accompanying drawings and wherein the above mentioned circuit carries out the following functions:

- implements the adjustable delay;
- implements the gating of the input signal;
- implements the mechanism for latching and locking on periodic pulse train; and
- implements the precaution taken to ensure that the system does not lock on to a sub-harmonics frequency of periodic component of the signal;

and wherein the gating function of input signal generates a trigger signal to a variable delay element like a controlled monostable multi-vibrator, the delay generated by this element being automatically established at the maximum interval found between two pulses that are allowed to go through the gating element for locking on to the periodic pulse train and wherein precaution being taken to ensure that the system does not lock-on to a sub-harmonics frequency of the periodic component of the signal.

Complete specification : 10 pages; Drawings : 2 sheets.

Ind. Cl. : 195 c 156591.

Int. Cl. : F 16 k 1/30.

Title : IMPROVEMENTS IN OR RELATING TO A PRESSURE REGULATOR FOR A LIQUIFIED PETROLEUM GAS CYLINDER.

Applicant : DIGAMBAR MORESHWAR PHATAK, AN INDIAN NATIONAL, 128/1A, KOTHRUD, POUD ROAD, PUNE-411029 AND VANAZ ENGINEERS PRIVATE LIMITED, AN INDIAN COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 85/1, POUD ROAD, PUNE-411 029.

Inventor : DIGAMBAR MORESHWAR PHATAK.

Application No. 334/Bom/82 filed on Dec. 15, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Bombay Branch.

8 Claims

A pressure regulator adapted to be fitted on the valve of a liquified petroleum gas cylinder, having a locking means for engaging the valve and locking the pressure regulator and the valve together firmly and an additional means for disengaging the said locking means, the locking means comprising a pin located in aligned holes in the walls of the pressure regulator body, the inner end of the pin having a flat upper surface and an outwardly curved or rounded profile, and further means for holding the said pin pressed inwardly, the end of the said pin being adapted to be pressed outwardly by the tapered surface on the upper end of the valve body engaging the said curved or rounded profile of the inner end of the pin, while the pressure regulator is fitted on the valve, and to move the pin inwardly and engage the flat surface below the collar or flange on the valve body and lock the pressure regulator firmly to the valve; the said additional means for disengaging the said locking means comprising a lever bearing its upper end against a ledge on the outer surface of the body of the pressure regulator and provided with a hole through which the said pin passes and being adapted to pull the pin outwardly to disengage the inner end of the pin from the valve body, when it is pulled outwardly about its abutment with the said ledge.

Complete specification 8 pages; Drawings 2 sheets.

Ind. Class : 97 D. 156592.

Int. Class : D 0 6 f, 75/00.

Title : AN ELECTRIC IRON.

Applicant and Inventor : KISHOR PRFMIJBHAI DEDHIA, AN INDIAN NATIONAL OF RAJI BUILDING, B-WING, BLOCK NO. 37, RATILAL BECHARDAS MEHTA ROAD, GHATKOPAR-400 077, INDIA.

Application No. 343/Bom/1982 filed on Dec. 28, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Bombay Branch.

6 Claims

An electric iron comprising a body of insulating plastics material housing a chamber for water and having at least two spaced electrodes connected to two terminals, a partition plate having a plurality of orifices for the passage of steam, snugly placed to separate the said chamber for water from a steam chamber in the body, an outlet for steam provided in the steam chamber, orifices formed below the body of the electric iron for the passage of steam externally of the body, a handle for the body and an electric socket or plug connected to the said terminals and adapted to be fitted with a plug or socket connected to a source of electric supply.

Complete specification 8 pages; Drawings 2 sheets.

AMENDMENT PROCEEDING UNDER SECTION 57

The amendment proposed by Diamond Shamrock Chemicals Corporation in respect of Patent application No. 153404 as advertised in Part III, Section 2 of the Gazette of India dated the 2nd March, 1985 has been allowed.

CLAIM UNDER SECTION 20(1) OF THE PATENTS ACT, 1970

The claim made by HENERD FRUEHAUF TRAILERS P. LTD under section 20(1) of the Patents Act, 1970, to proceed the application for Patent No. 154180 in that name has been allowed.

PATENTS SEALED

143652 151570 152505 153114 153150 153220 153227 153320
 153431 153444 153507 153512 153518 153539 153540 153565
 153574 153594 153599 153622 153677 153710 153719 153770
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 153972 153980 153981 153982

RENEWAL FEES PAID

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 136703 136836 137025 137591 137896 138023 138214 138215
 138725 139219 139356 139646 139954 140025 140069 140529
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 142201 142467 142468 142494 142516 143036 143271 144410
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 150494 150514 150624 150934 151019 151292 151425 151522
 151573 151817 151851 151852 151914 152068 152224 152324
 152442 152483 152706 152771 152920 152931 153338 153402
 153564 153745

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act 1911.

The date shown in the each entry is the date of registration of the design included in the entry.

Class. 1. No. 155425. U.P. National Manufacturers Private Limited, an Indian Company, Ram Katora Road, Varanasi 221001, Uttar Pradesh. "Mixie". 23rd February, 1985.

Class. 1. No. 155706. Max Engineers, 32, Manglam Apartments, Old Palasia, Indore 452001, Madhya Pradesh, an Indian Partnership Firm. "Pressed Steel Plate". 27th May 1985.

Class. 1. No. 155755. Anjali Products, 170 Bombay Talkies Compound, Malad (West), Bombay-400064, State of Maharashtra, India. "2 Speed Beater". 3rd June, 1985.

Class. 1. No. 155247. Rex Auto Products (India), A-65/1, Chawla Building Wazipur Industrial Area, Delhi-110052, an Indian Sole Proprietory Concern. "Mirror". 4th January, 1985.

Class. 1. No. 155565. Elvin Electronics, 9-11, Nehru Stadium, Coimbatore 641018, an Indian Partnership Concern. "Wet Grinder". 3th April, 1985.

Class. 1. No. 155580. Suresh Sawarmal Todi, an Indian National trading as Todi Metal Industries, having

its registered office at Todi Udyog, Kendra, 35, Saki-Vihar Road, Bombay-400072, Maharashtra, India. "Desert Knife". 16th April, 1985.

Class. 3. No. 155391. Quality Plastics, Unit No 13, Building A, Singh Industrial Estate, Ram Mandir Road, Goregaon (West), Bombay 400062, Maharashtra, an Indian Partnership Firm. "Handle of Bag". 13th February, 1985.

Class. 3. No. 155495. Asian Advertisers, 20, Kala Bhavan, 3, Mathew Road, Opera House, Bombay 400004, Maharashtra, an Indian Partnership Firm. "Pen Stand". 16th March, 1985.

Class. 3. No. 155673. Universal Luggage Manufacturing Company Private Limited, (an Indian Company) at Building 3, Shah Industrial Estate, Saki Vihar Road, Bombay-400072, Maharashtra State, India. "Suitcase". 15th May, 1985.

Class. 3. No. 155155. Krishna Panikar Rajan, Proprietor, Sree Valasa Engineering Works, 6-1, Nandha Nagar, Singaullur P.O., Coimbatore-641005, Tamil Nadu, Indian. "Tipping Type Wet Grinders". 11th December, 1984.

Class. 3. No. 155473. Bharat Plastics, 78, Industrial Estate, Kanpur (U.P.), a partnership firm. "Toy (Crystal Bird)". 12th March, 1985.

Class. 3. No. 155703. Kirloskar Brothers Limited, (an Indian Company under the Act) at Udyog Bhavan, Tilak Road, Pune 411002, State of Maharashtra, India. "Drum". 25th May, 1985.

Class. 3. No. 155471. Mek Engineering Works Limited, a public limited company incorporated under the Indian Companies Act, whose address is Satyam Nampada, M.G. Road, Thane-400602, State of Maharashtra, India. "Bin". 12th March, 1985.

Class. 3. No. 155756. Mahavir Products, 15, Gairath Industrial Estate, Balaram Patel Road No. 4, Bhavander (East) Dist-Thane, State of Maharashtra, India. "The mic insulated Bottle". 3rd June, 1985.

Class. 3. No. 155730. Subodh Dhairyan, Indian National, of 147, Anand Bhuwan, Dhairyan Chowk, Kataria Road, Mahim, Bombay 400016, State of Maharashtra, India. "Incandescent Lamp". 30th May, 1985.

Class. 3. No. 155401. Nirmal Singh, Zismens International DSIDC Shed No. 194, Okhla Industrial Area, Phase II, New Delhi-20, Afghan National. "Bew Switch". 15th February, 1985.

Extn. of Copyright for the Second & Third period of five years—nil.

R. A. ACHARYA,
 Controller General of Patents, Designs
 and Trade Marks

